INDEX

VOLUME XVI: OCTOBER, 1936-MAY, 1937

Alberty, H. B., A Philosophy of General Education With Some Implications for Science Teaching in the Secondary School, 387
Allphin, Helen, Eliminating the Textbook Problem, 186
Andruss, Harvey A., The True and False-Correction Test, 318
Are Clubs Desirable in the Elementary School? Carl H. Kumpf, 142

ARITHMETIC:

What Materials Are Most Useful to Children in Learning to Solve Problems? William L. Connor and Gertrude C. Hawkins, 21; Looking Ahead in Arithmetic, Guy M. Wilson, 163; When Shall Systematic Instruction in Arithmetic Begin? Clifford Woody, 165; Functional Arithmetic, Carleton Washburne, 167; One Hundred Per Cent in the Fundamentals, Margaret E. Sweeney, 170; Standardized Tests in Arithmetic, Louise Beattie, 175; Teaching Denominate Numbers and Measures, Dorothy W. Wilson, 177; Corrective Arithmetic in Junior High School, Joseph H. Randall, 182; Eliminating the Textbook Problem, Helen Allphin, 186; Experimenting with Real Situations in Third Grade Arithmetic, Henry Harap and Ursula Barrett, 188; Developing Number Concepts with Young Children, Laura Hooper and Barbara Stratton, 193; A Study of the Isolated Problems of Four Arithmetic Text Series, Grace E. Janes, 198; Choosing a Textbook in Arithmetic, Jane Brooks, 200; Arithmetic "On Its Own," Mattie Graham, 202; A Practical Problem Unit in Arithmetic, Lola Coffey, 205; The Purpose of Arithmetic, Josephine L. Driscoll, 208; Arithmetic Games, 211; Point of View for Teachers of Arithmetic, 211; Arithmetic Load, 212

Art Education (Panel Discussion), 375
Assemblies from the Children's Viewpoint, A Study of, Lulie Nettleton, 35
Assemblies, School, Esther Dunham, 149

Baird, Hal, Teaching the Physical Sciences from a Functional Point of View, 407
Baker, Elizabeth W., The Teaching of Social Conversation, 313
Barnard, J. Darrel, see Selberg, Edith M.
Barnes, Walter, Language as Social Behavior, 275
Barrett, Ursula, see Harap, Henry
Beattie, Louise, Standardized Tests in Arithmetic, 175
Betzner, Jean, Teachers and Guidance, 17
Boyd, Addie, see Nutter, Hazen E.
Brooks, Jane, Choosing a Textbook in Arithmetic, 200
Brown, William B., Method and the New Social Studies Curriculum, 109

Character Education Through Musical Experience, An Experiment in, Florence M. Painter, 363
Church, Alfred M., and Loring G. Hudson, What Newspaper Shall I Read? 105
Coffey, Lola, A Practical Problem Unit in Arithmetic, 205
Connor, William L., and Gertrude C. Hawkins, What Materials Are Most Useful to Children in Learning to Solve Problems? 21
Coöperative Group Plan and Supervision (Panel Discussion), 374
Coulton, Thomas E., Speech as Social Behavior, 299
Curriculum in the P. K. Yonge Laboratory School, Some Features of the Core, A. R. Mead, 51
Curriculum, Joint Yearbook on the, 40, 323, 438

Driscoll, Josephine L., The Purpose of Arithmetic, 208
Dunham, Esther, School Assemblies, 149

Editorials: The Technique of Coöperation, F. M. Underwood, 38; The Department at Headquarters, 39; The Rôle of the Expert in Our Society, F. M. Underwood, 80; Focusing on Child Conservation, James F. Hosic, 151; Arithmetic in the Schools, Guy M. Wilson, 213; In Union Strength, James F. Hosic, 262; The Academic Mind in Action, James F. Hosic, 263; Will Congress Celebrate the Horace Mann Centennial? James F. Hosic, 322; Democratic Leadership, F. M. Underwood, 373
Education in a Subsistence Homestead, Carleton M. Saunders, 69
Engleman, F. E., Meeting the Problem of Individual Differences, 63
Exhibits Can Be Different, Kathleen Fields, 77

Factors Inhibiting Pupil Questioning in Class, Lester A. Kirkendall, 359
Fields, Kathleen, Exhibits Can Be Different, 77
Freedom to Teach and Freedom to Learn, George Yeisley Rusk, 15
Frutchey, Fred P., Evaluation in Elementary School Science, 422

Graham, Mattie, Arithmetic "On Its Own," 202
Gruhn, William T., I Am Also a Salesman, 148
Guidance, Teachers and, Jean Betzner, 17

Harap, Henry, and Ursula Barrett, Experimenting with Real Situations in Third Grade Arithmetic, 188
Harper, C. A., Immediate Steps of Advance in the Secondary Social Studies Curriculum, 138
Hawkins, Gertrude C., see Connor, William L.
Home and Farm Life—A Unit of Work in First Grade, Marjorie Tabor, 75
Hooper, Laura, and Barbara Stratton, Developing Number Concepts with Young Children, 193
Hosic, James F. (Editorials): Focusing on Child Conservation, 151; In Union Strength, 262; The Academic Mind in Action, 263; Will Congress Celebrate the Horace Mann Centennial? 322
Hudson, Loring G., see Church, Alfred M.
Hughes, J. M., Inconsistencies in Supervision, 232

INDEX

VOLUME XVI: OCTOBER, 1936-MAY, 1937

Alberty, H. B., A Philosophy of General Education With Some Implications for Science Teaching in the Secondary School, 387
Allphin, Helen, Eliminating the Textbook Problem, 186
Andruss, Harvey A., The True and False-Correction Test, 318
Are Clubs Desirable in the Elementary School? Carl H. Kumpf, 142

ARITHMETIC:

What Materials Are Most Useful to Children in Learning to Solve Problems? William L. Connor and Gertrude C. Hawkins, 21; Looking Ahead in Arithmetic, Guy M. Wilson, 163; When Shall Systematic Instruction in Arithmetic Begin? Clifford Woody, 165; Functional Arithmetic, Carleton Washburne, 167; One Hundred Per Cent in the Fundamentals, Margaret E. Sweeney, 170; Standardized Tests in Arithmetic, Louise Beattie, 175; Teaching Denominate Numbers and Measures, Dorothy W. Wilson, 177; Corrective Arithmetic in Junior High School, Joseph H. Randall, 182; Eliminating the Textbook Problem, Helen Allphin, 186; Experimenting with Real Situations in Third Grade Arithmetic, Henry Harap and Ursula Barrett, 188; Developing Number Concepts with Young Children, Laura Hooper and Barbara Stratton, 193; A Study of the Isolated Problems of Four Arithmetic Text Series, Grace E. Janes, 198; Choosing a Textbook in Arithmetic, Jane Brooks, 200; Arithmetic "On Its Own," Mattie Graham, 202; A Practical Problem Unit in Arithmetic, Lola Coffey, 205; The Purpose of Arithmetic, Josephine L. Driscoll, 208; Arithmetic Games, 211; Point of View for Teachers of Arithmetic, 211; Arithmetic Load, 212

Art Education (Panel Discussion), 375
Assemblies from the Children's Viewpoint, A Study of, Lulie Nettleton, 35
Assemblies, School, Esther Dunham, 149

Baird, Hal, Teaching the Physical Sciences from a Functional Point of View, 407
Baker, Elizabeth W., The Teaching of Social Conversation, 313
Barnard, J. Darrel, see Selberg, Edith M.
Barnes, Walter, Language as Social Behavior, 275
Barrett, Ursula, see Harap, Henry
Beattie, Louise, Standardized Tests in Arithmetic, 175
Betzner, Jean, Teachers and Guidance, 17
Boyd, Addie, see Nutter, Hazen E.
Brooks, Jane, Choosing a Textbook in Arithmetic, 200
Brown, William B., Method and the New Social Studies Curriculum, 109

Character Education Through Musical Experience, An Experiment in, Florence M. Painter, 363
Church, Alfred M., and Loring G. Hudson, What Newspaper Shall I Read? 105
Coffey, Lola, A Practical Problem Unit in Arithmetic, 205
Connor, William L., and Gertrude C. Hawkins, What Materials Are Most Useful to Children in Learning to Solve Problems? 21
Coöperative Group Plan and Supervision (Panel Discussion), 374
Coulton, Thomas E., Speech as Social Behavior, 299
Curriculum in the P. K. Yonge Laboratory School, Some Features of the Core, A. R. Mead, 51
Curriculum, Joint Yearbook on the, 40, 323, 438

Driscoll, Josephine L., The Purpose of Arithmetic, 208
Dunham, Esther, School Assemblies, 149

Editorials: The Technique of Coöperation, F. M. Underwood, 38; The Department at Headquarters, 39; The Rôle of the Expert in Our Society, F. M. Underwood, 80; Focusing on Child Conservation, James F. Hosic, 151; Arithmetic in the Schools, Guy M. Wilson, 213; In Union Strength, James F. Hosic, 262; The Academic Mind in Action, James F. Hosic, 263; Will Congress Celebrate the Horace Mann Centennial? James F. Hosic, 322; Democratic Leadership, F. M. Underwood, 373
Education in a Subsistence Homestead, Carleton M. Saunders, 69
Engleman, F. E., Meeting the Problem of Individual Differences, 63
Exhibits Can Be Different, Kathleen Fields, 77

Factors Inhibiting Pupil Questioning in Class, Lester A. Kirkendall, 359
Fields, Kathleen, Exhibits Can Be Different, 77
Freedom to Teach and Freedom to Learn, George Yeisley Rusk, 15
Frutchey, Fred P., Evaluation in Elementary School Science, 422

Graham, Mattie, Arithmetic "On Its Own," 202
Gruhn, William T., I Am Also a Salesman, 148
Guidance, Teachers and, Jean Betzner, 17

Harap, Henry, and Ursula Barrett, Experimenting with Real Situations in Third Grade Arithmetic, 188
Harper, C. A., Immediate Steps of Advance in the Secondary Social Studies Curriculum, 138
Hawkins, Gertrude C., see Connor, William L.
Home and Farm Life—A Unit of Work in First Grade, Marjorie Tabor, 75
Hooper, Laura, and Barbara Stratton, Developing Number Concepts with Young Children, 193
Hosic, James F. (Editorials): Focusing on Child Conservation, 151; In Union Strength, 262; The Academic Mind in Action, 263; Will Congress Celebrate the Horace Mann Centennial? 322
Hudson, Loring G., see Church, Alfred M.
Hughes, J. M., Inconsistencies in Supervision, 232

I Am Also a Salesman, William T. Gruhn, 148
Individual Differences, Meeting the Problem of, F. E. Engleman, 63
Instructional Leadership and Social Change, E. Vern Sayers, 3

Janes, Grace E., A Study of the Isolated Problems of Four Arithmetic Text Series, 198
Journalism Course in an Elementary School, A, Stewart M. Patterson, 357

Kelty, Mary G., Adjustment of the Materials of the Social Sciences to the General Mental Development of Children in the Middle Grades, 113
Kirkendall, Lester A., Factors Inhibiting Pupil Questioning in Class, 359
Kumpf, Carl H., Are Clubs Desirable in the Elementary School? 142

Lammel, Rose, Science as a Part of Living in the Elementary School, 417
Lang, Charlotte C., A Mexican Unit, 260
LANGUAGE:
Language as Social Behavior, Walter Barnes, 275; The Levels of Language, Robert C. Pooley, 289; Speech as Social Behavior, Thomas E. Coulton, 298; Talking by Mail, Carrie Belle Parks, 306; The Teaching of Social Conversation, Elizabeth W. Baker, 313
Laton, Anita D., Studies of Learning in School Situations, 427

Maddox, Percy, Music for Local Color, 259
Mead, A. R., Some Features of the Core Curriculum in the P. K. Yonge Laboratory School, 51
Mental Hygiene and Happiness in Education, Frederick L. Patry, 369
Mexican Unit, A, Charlotte C. Lang, 260
Mobilizing Brain Power, Detroit Association for the Study of Coöperation, 58
Moehlman, Arthur Henry, The Social Studies and the Cultural Lag, 99
Mones, Leon, Supervising the Creative Teaching of Poetry, 236
Moral Training Through Dramatics, Frank M. Rich, 254
Music for Local Color, Percy Maddux, 259

Nettleton, Lulie, A Study of Assemblies from the Children's Viewpoint, 35
Neuner, Elsie Flint, The Science Room in Elementary Schools, 432
New Orleans Meeting, 152, 215, 265, 324
Newspaper Shall I Read, What, Alfred M. Church and Loring G. Hudson, 105
Nutter, Hazen E., and Addie Boyd, World History from a New Viewpoint, 30

Oganovic, Nicholas J., Teacher Rating Scale, 343
Orata, Pedro T., Evaluation in the Field of Social Science, 121

Painter, Florence M., An Experiment in Character Education Through Musical Experience, 363
Parks, Carrie Belle, Talking by Mail, 306
Patry, Frederick L., Mental Hygiene and Happiness in Education, 369
Patterson, Stewart M., A Journalism Course in an Elementary School, 357
Pitts, Clara L., Characteristics of a Good Teachers' Meeting, 241
Pooley, Robert C., The Levels of Language, 289
Powers, Samuel Ralph, Influences of Science on Human Activities with Implications for Education, 395
Promotion Committee, 87, 154, 216, 265, 438
Pullias, E. V., A Study of Current Opinion Concerning Objective Tests, 348

Randall, Joseph H., Corrective Arithmetic in Junior High School, 182
Reader's Guide: 42, 90, 156, 218, 267, 331, 380, 439
Reading Skills and Abilities in the Elementary Schools, Diagnosing, J. Wayne Wrightstone, 248
Regional Coöperation in Publishing School Materials, Claire T. Zyve, 67
Rich, Frank M., Moral Training Through Dramatics, 254
Rusk, George Yeisley, Freedom to Teach and Freedom to Learn, 15

Saunders, Carleton M., Education in a Subsistence Homestead, 69
Sayers, E. Vern, Instructional Leadership and Social Change, 3
SCIENCE:
A Philosophy of General Education with Some Implications for Science Teaching in the Secondary School, H. B. Alberty, 387; Influences of Science on Human Activities with Implications for Education, Samuel Ralph Powers, 395; Recent Trends in Revision of Science Curricula, A. N. Zechiel, 402; Teaching the Physical Sciences from a Functional Point of View, Hal Baird, 407; Teaching Pupils the Method for Solving Problems, Edith M. Selberg and J. Darrel Barnard, 413; Science as a Part of Living in the Elementary School, Rose Lammel, 417; Evaluation in Elementary School Science, Fred P. Frutchey, 422; Studies of Learning in School Situations, Anita D. Laton, 427; The Science Room in Elementary Schools, Elsie Flint Neuner, 432
Selberg, Edith M., and J. Darrel Barnard, Teaching Pupils the Method for Solving Problems, 413
Shannon, J. R., Teachers' Attitudes Toward Supervision, 9
SOCIAL STUDIES:
The Social Studies and the Cultural Lag, Arthur Henry Moehlman, 99; Method and the New Social Studies Curriculum, William B. Brown, 109; Adjustment of the Materials of the Social Sciences to the General Mental Development of Children in the Middle Grades, Mary G. Kelty, 113; Evaluation in the Field of Social Science, Pedro T. Orata, 121; Immediate Steps of Advance in the Secondary Social Studies Curriculum, C. A. Harper, 138
Steele, Ernest C., Teachers, Principals, Professors: A Plan, 227
Stratton, Barbara, see Hooper, Laura
Supervising the Creative Teaching of Poetry, Leon Mones, 236
Supervision, Coöperative (Panel Discussion reported by Mary Browning), 80
Supervision, Inconsistencies in, J. M. Hughes, 232
Supervision in State, District, and County—Its Function, Organization, and Administration (Panel Discussion reported by J. Cayce Morrison), 83

Supervision, Teachers' Attitudes Toward, J. R. Shannon, 9
Supervision, The Coöperative Group Plan and (Panel Discussion), 374
Sweeney, Margaret E., One Hundred Per Cent in the Fundamentals, 170

Tabor, Marjorie, Home and Farm Life—A Unit of Work in First Grade, 75
Teacher Personality—What Can We Do About It as a Part of Institutional Teacher-Training, V. E. van Patter, 339
Teacher Rating Scale, Nicholas J. Oganovic, 343
Teachers and Guidance, Jean Betzner, 17
Teachers' Attitudes Toward Supervision, J. R. Shannon, 9
Teachers' Meeting, Characteristics of a Good, Clara L. Pitts, 241
Teachers, Principals, Professors: A Plan, Ernest C. Steele, 227
Tests, A Study of Current Opinion Concerning Objective, E. V. Pullias, 348
True and False-Correction Test, The, Harvey A. Andruss, 318

Underwood, F. M. (Editorials): The Technique of Coöperation, 38; The Rôle of the Expert in Our Society, 80; Democratic Leadership, 373

van Patter, V. E., Teacher Personality—What Can We Do About It as a Part of Institutional Teacher-Training? 339

Washburne, Carleton, Functional Arithmetic, 167
Wilson, Dorothy W., Teaching Denominate Numbers and Measures, 177
Wilson, Guy M., Looking Ahead in Arithmetic, 163; Arithmetic in the Schools, 213
Woody, Clifford, When Shall Systematic Instruction in Arithmetic Begin? 165
World History from a New Viewpoint, Hazen E. Nutter and Addie Boyd, 30
Wrightstone, J. Wayne, Diagnosing Reading Skills and Abilities in the Elementary Schools, 248

Zechiel, A. N., Recent Trends in Revision of Science Curricula, 402
Zyve, Claire T., Regional Coöperation in Publishing School Materials, 67

YEARBOOKS—1936 and 1937

Department of Supervisors and Directors of Instruction
National Education Association, Washington, D. C.

NINTH—*The Development of a Modern Program in English* (1936). Prepared by specialists in English, curriculum, and supervision, this yearbook explains what the new program is, how it works, and how to develop it. Organization of teachers, training of supervisors, the contributions of research, and curriculum revision in relation to English are discussed. The contributors: Walter Barnes, Angela M. Broening, Harry A. Greene, W. Wilbur Hatfield, James F. Hosic, Harold B. Lamport, Lou L. LaBrant, Dora V. Smith, and Marquis E. Shattuck (Chairman). *208 pages.* *$2.00.*

TENTH—*The Curriculum* (1937). An up-to-date summary of thought and practice in curriculum development. Part I includes theoretical bases of curriculum and general aspects of planning for curriculum development; Part II, an appraisal of cases in curriculum development in state, county, and city school systems and in individual schools and classrooms. The contributors: Edith M. Bader, O. G. Brim, Prudence Cutright, Will French, Harold Hand, Charles W. Knudsen, E. O. Melby, Paul T. Rankin, Laura Zirbes, and Henry Harap (Chairman). *In preparation.*